

IMPOSING AND RECOVERING CORRELITHM OBJECTS IN CONJUNCTION
WITH TABLE LOOKUP

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ABSTRACT OF THE DISCLOSURE

Encoding bits includes receiving a bit set to
encode. An encoding lookup table associates correlithm
objects of a space with bit sets. The space refers to an
10 N-dimensional space, a correlithm object refers to a
point of the space. The correlithm object corresponding
to the received bit set is identified. The received bit
set is encoded as the identified correlithm object. The
identified correlithm object is imposed to encode the
15 received bit set and subsequently decoded with table
lookup using the reverse process.